

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 11812
Application ID: 09681993
Title of Invention: APPLICATION OF CATALYTIC
NANOPARTICLES TO HIGH
TEMPERATURE WATER SYSTEMS TO
REDUCE STRESS CORROSION
CRACKING
First Named Inventor: Peter Andresen
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2001-07-05
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: RD-29318
Digital Certificate Holder: cn=Robert P. Santandrea, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S. Government,
c=US
Certificate Message Digest: hPxgQky+/KZcDBXL8V1xdA==
Total Fees Authorized: \$2274.0
Payment Category: DA - Deposit Account
Deposit Account Number: 70868
Deposit Account Name: Robert P. Santandrea



TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number:

RD-29318

APPLICATION OF CATALYTIC NANOPARTICLES TO HIGH TEMPERATURE WATER SYSTEMS TO REDUCE STRESS CORROSION CRACKING

First Named Inventor: Peter L. Andresen

SUBMITTED BY

| | |
|--------------------------------|-----------------------|
| Name: | Robert P. Santandrea |
| Registration Number: | 45,072 |
| Electronic Signature Mark: RPS | Date Signed: 20010705 |

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|------------------|----------------------------|
| fee-transmittal | SantandreaRD-29318fee.xml |
| ibid-transmittal | SantandreaRD-29318apds.xml |
| specification | RD29318.xml |
| declaration | Dec1.tif |
| declaration | Dec2.tif |
| declaration | Dec3.tif |

Attached Image File(s):

Dec1.tif

Dec2.tif

Dec3.tif

09501903:070501
T05020" E06T0350

Comments:

0969193-07001
T03020"EEET3350

DECLARATION FOR PATENT APPLICATION

Docket Number
RD-29,318

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPLICATION OF CATALYTIC NANOPARTICLES TO HIGH TEMPERATURE WATER SYSTEMS TO
REDUCE STRESS CORROSION CRACKING

the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as United States Application Number or PCT International Application Number _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application

Priority Claimed

☐ Yes ☐ No

(Number)

(Country)

(Day/Month/Year Filed)

(Number)

(Country)

(Day/Month/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code §120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, **CUSTOMER NO. 006147.**

Robert P. Santandrea, Reg. No. 45,072

Douglas E. Stoner, Reg. No. 26,509, Marvin Snyder, Reg. No. 20,126, Donald S. Ingraham, Reg. No. 33,714, Jill M. Breedlove, Reg. No. 32,684, Noreen C. Johnson, Reg. No. 38,929, Ronald E. Myrick, Reg. No. 26,315, Henry J. Policinski, Reg. No. 26,621, Jay L. Chaskin, Reg. No. 24,030, James W. Mitchell, Reg. No. 25,602, Bernard Snyder, Reg. No. 24,843 and Catherine J. Winter, Reg. No. 38,364.

Address all telephone calls to: Robert P. Santandrea at telephone number (518) 387-6304

Address all correspondence to: **General Electric Company**
CRD Patent Docket Rm 4A59
P.O. Box 8, Bldg. K-1 - Salamanca

Docket Number
RD-29,318

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SOLE OR FIRST INVENTOR:

Full name: Peter Louis Andresen

Signature: Peter Louis Andresen Date July 2, 2001

Residence: Schenectady, NY
City and State

Citizenship: USA

Post Office Address: 1204 Rugby Road, Schenectady, NY 12308

SECOND JOINT INVENTOR:

Full name: Thomas Martin Angeliu

Signature: Thomas Martin Angeliu Date 7/02/01

Residence: Clifton Park, NY
City and State

Citizenship: USA

Post Office Address: 10 Woods Way, Clifton Park, NY 12065

THIRD JOINT INVENTOR:

Full name: Young Jin Kim

Signature: Young Jin Kim Date 7/03/01

Residence: Clifton Park, NY
City and State

Citizenship: USA

Post Office Address: 11 Gloucester Street, Clifton Park, NY 12065

FOURTH JOINT INVENTOR:

Full name: Thomas Pompilio Diaz

Signature: Thomas Pompilio Diaz Date JUNE 22 2001

Residence: San Martin, CA
City and State

Citizenship: USA

Post Office Address: 1770 E. San Martin Avenue, San Martin, CA 95046

FIFTH JOINT INVENTOR:

Full name: Samson (NMN) Hettiarachchi

First Name

Middle Name

Last Name

Signature: Samson, Hettiarachchi

Date 6/22/01

Residence: Menlo Park, CA

City and State

Citizenship: USA

Post Office Address: 19 Lorelei Lane, Menlo Park, CA 94025

SIXTH JOINT INVENTOR:

Full name:

First Name

Middle Name

Last Name

Signature:

Date

Residence:

City and State

Citizenship:

Post Office Address:

SEVENTH JOINT INVENTOR:

Full name:

First Name

Middle Name

Last Name

Signature:

Date

Residence:

City and State

Citizenship:

Post Office Address:

EIGHTH JOINT INVENTOR:

Full name:

First Name

Middle Name

Last Name

Signature:

Date

Residence:

City and State

Citizenship:

Post Office Address:

FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 2274

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 07-0868



Deposit Account Name: General Electric Company-CRD

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

Authorized Name: Robert P. Santandrea

Electronic Signature Mark: RPS

Date Signed: 20010705

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 710 |

Subtotal For Basic Filing Fee: \$ 710

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 98 | 103 | \$ 18 | 78 | \$ 1404 |
| Independent Claims: 5 | 102 | \$ 80 | 2 | \$ 160 |

Subtotal For Extra Claims Fees: \$ 1564